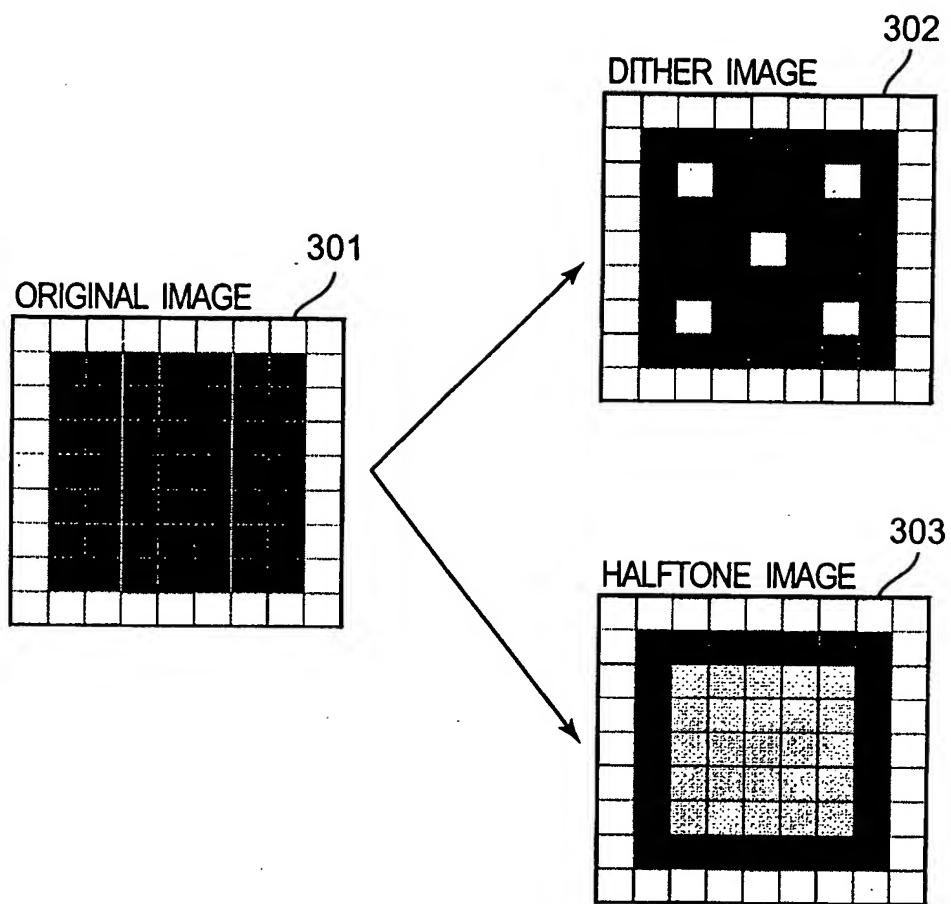


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**FIG.3**

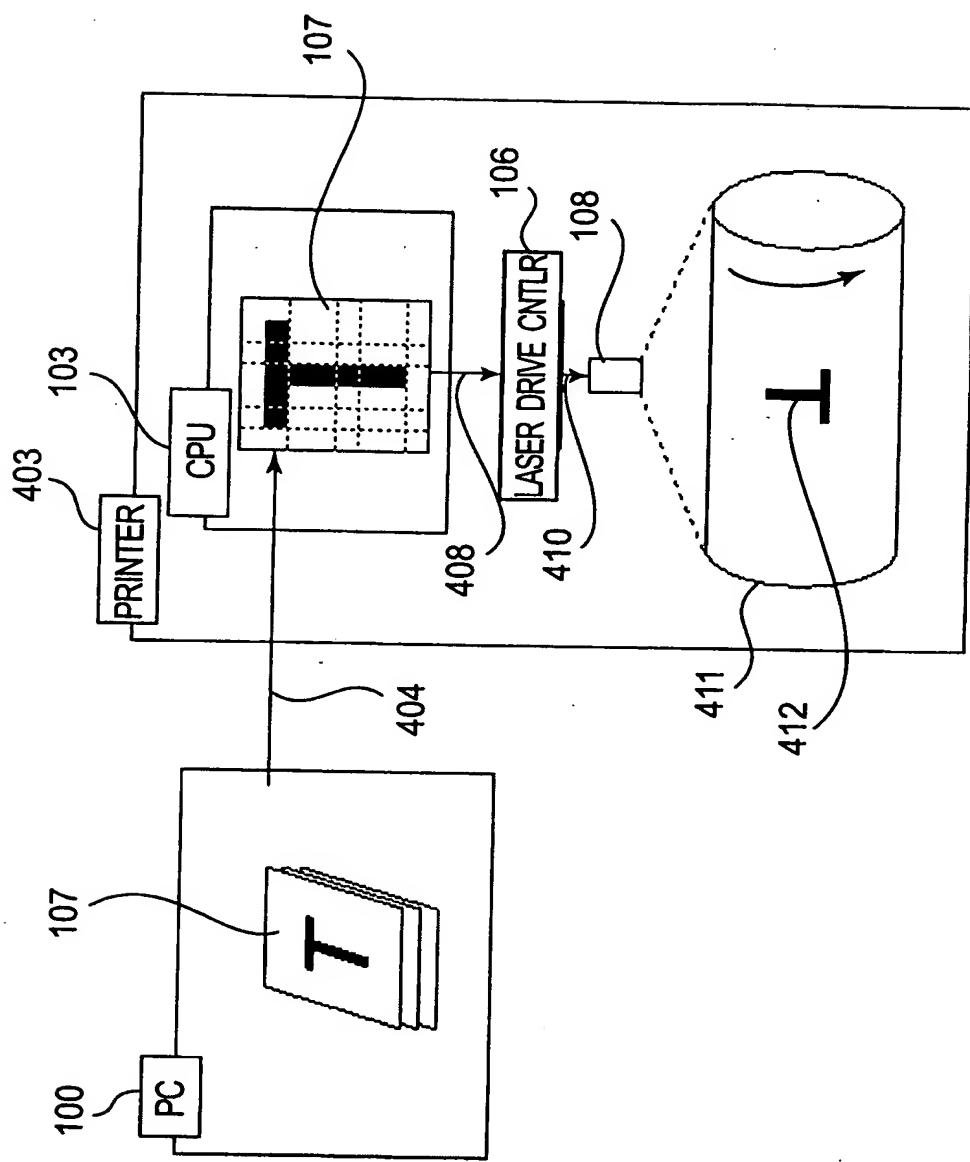
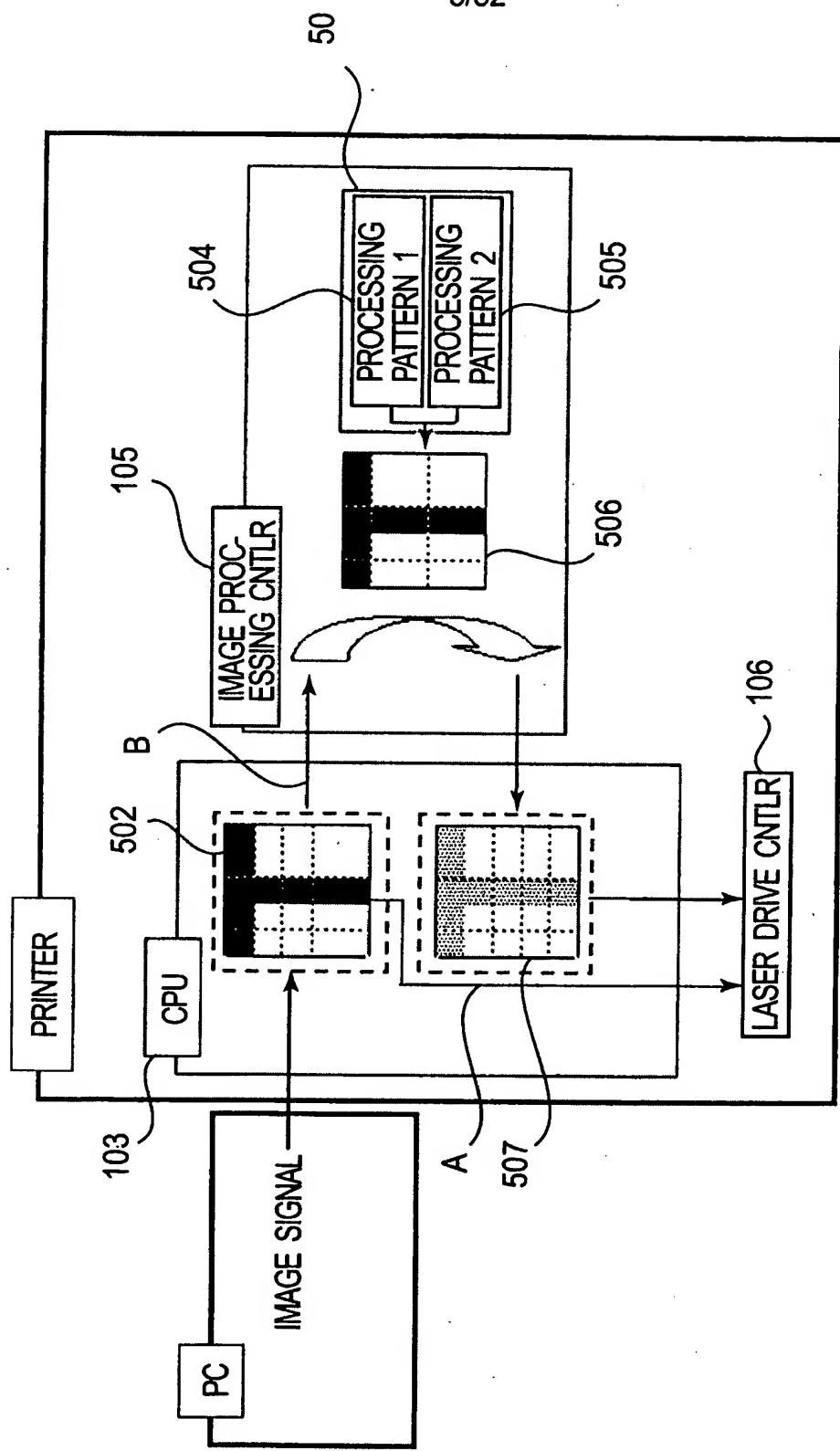


FIG. 4

**FIG. 5**

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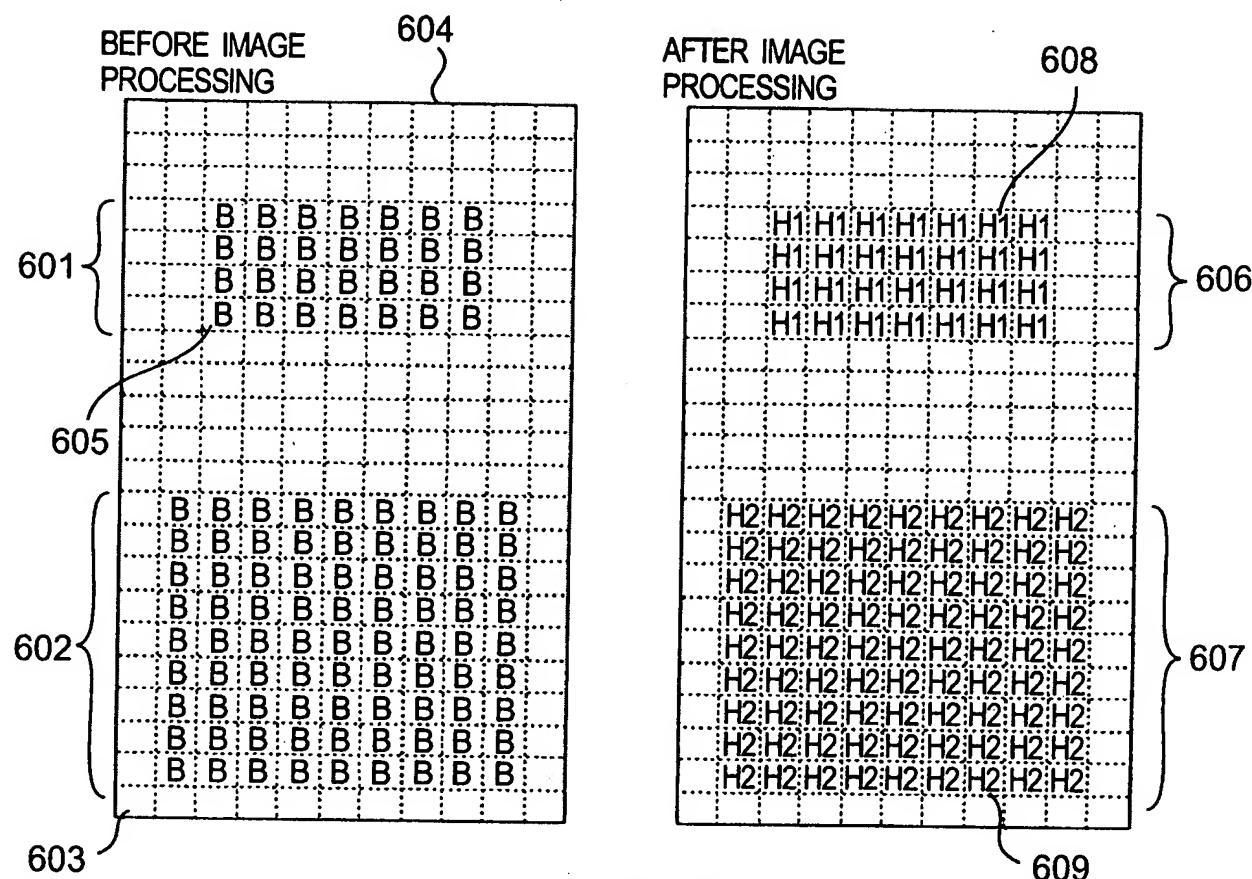


FIG. 6

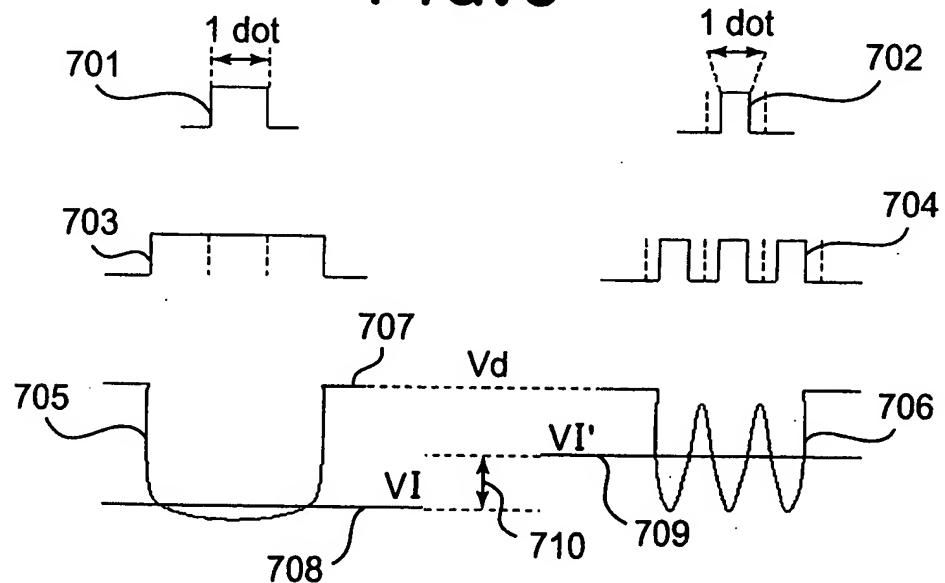
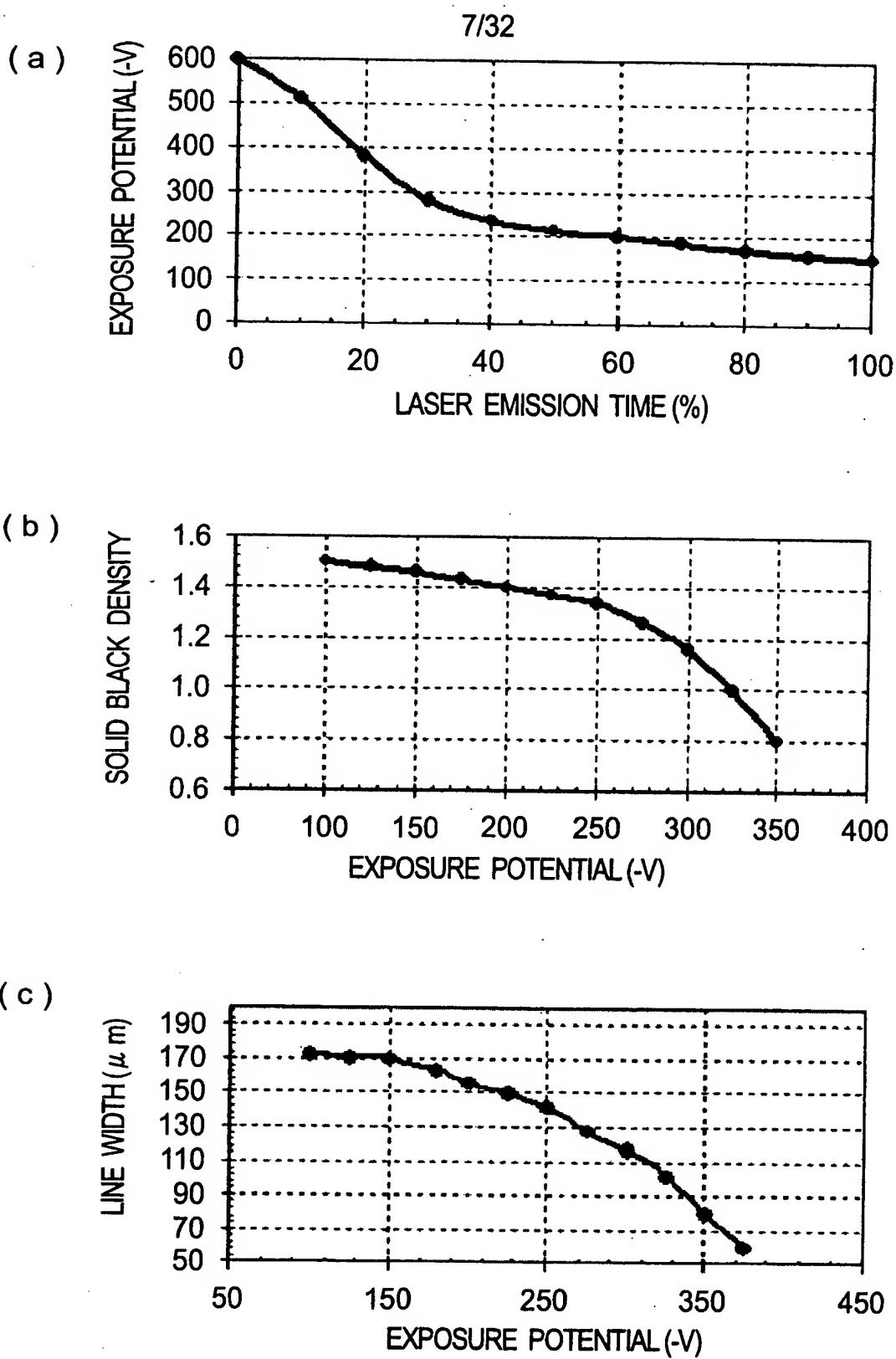
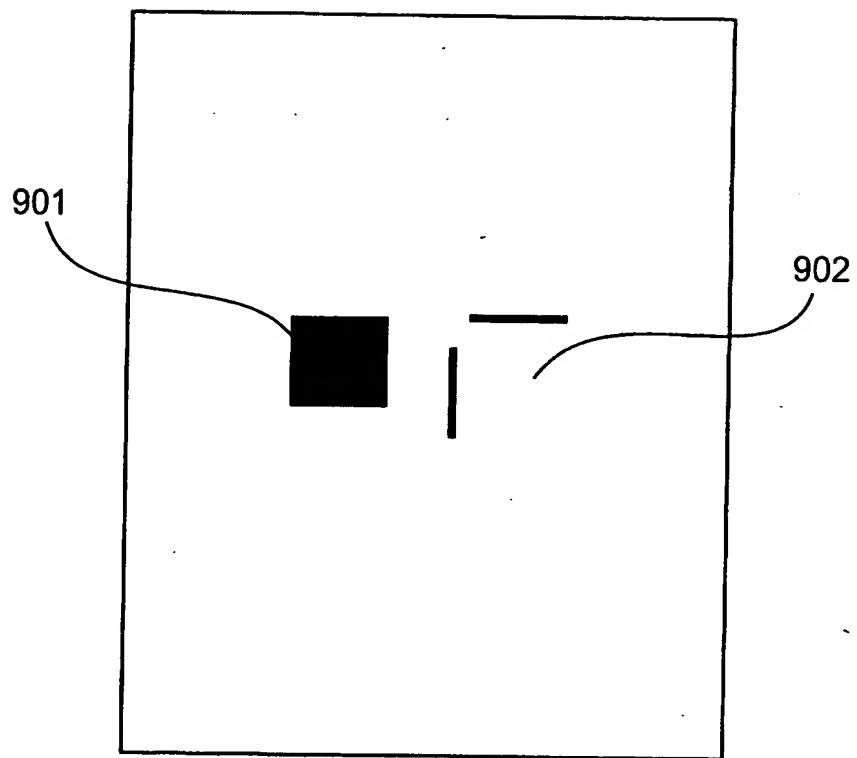


FIG. 7

**FIG.8**

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**FIG.9**

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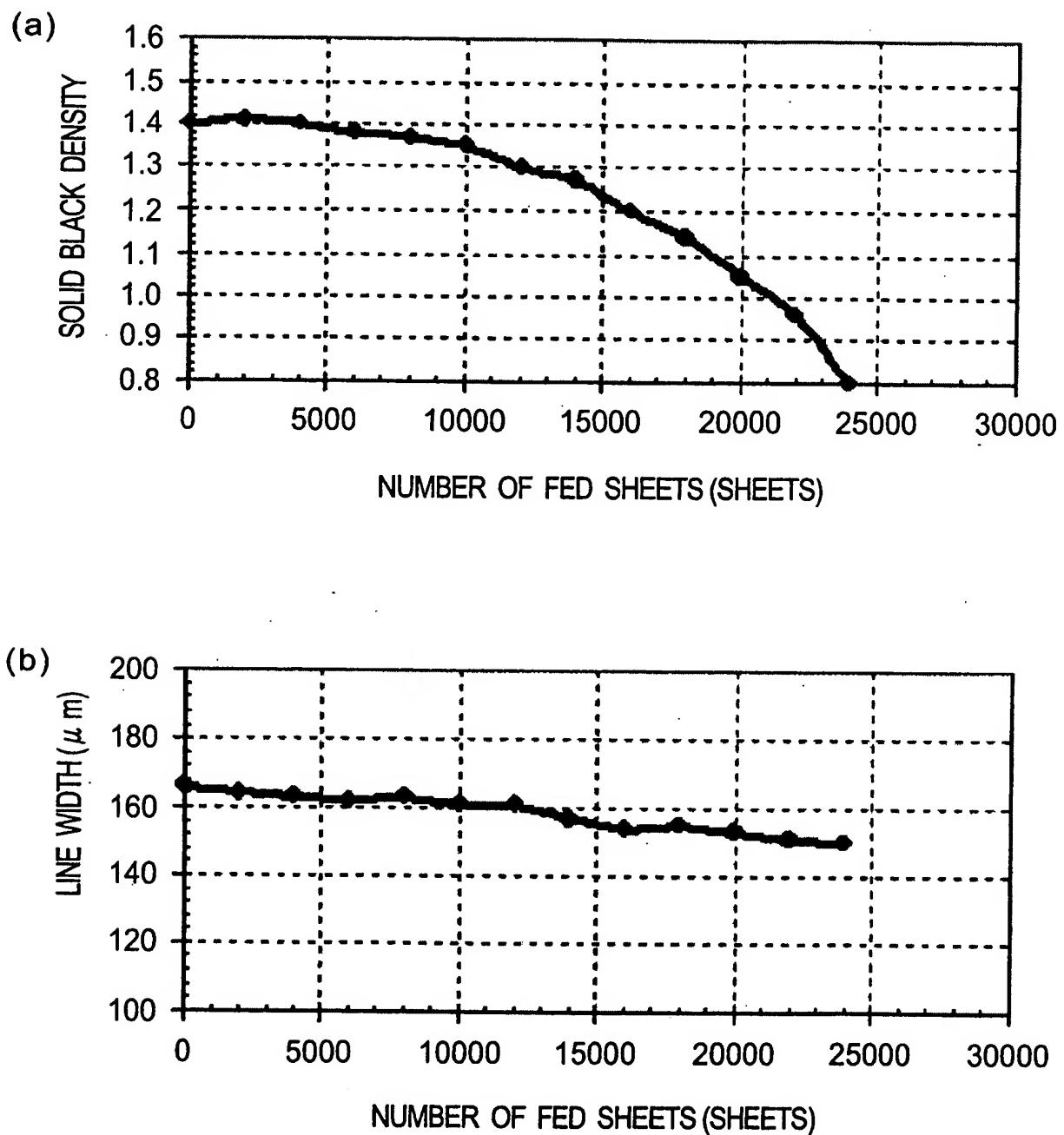


FIG. 10

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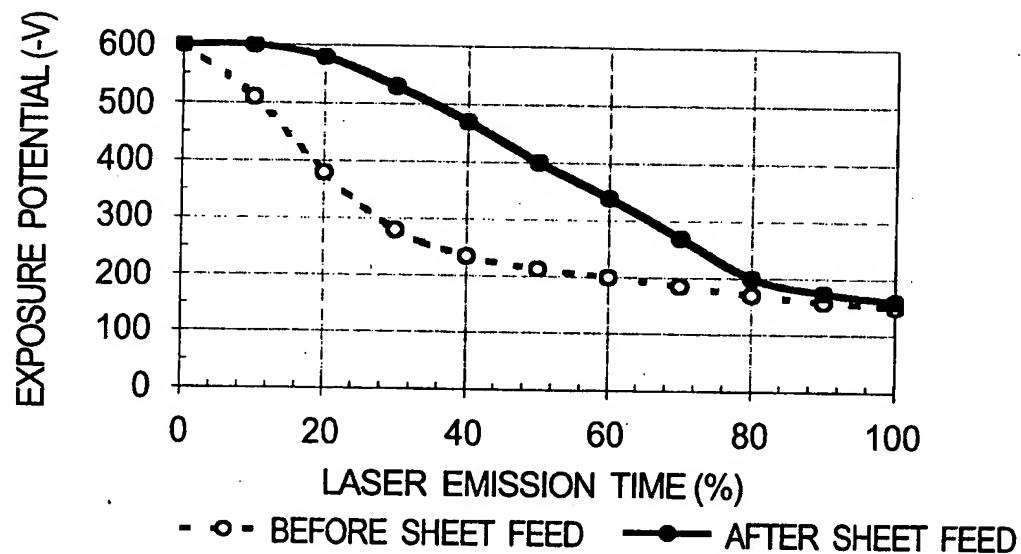


FIG. 11

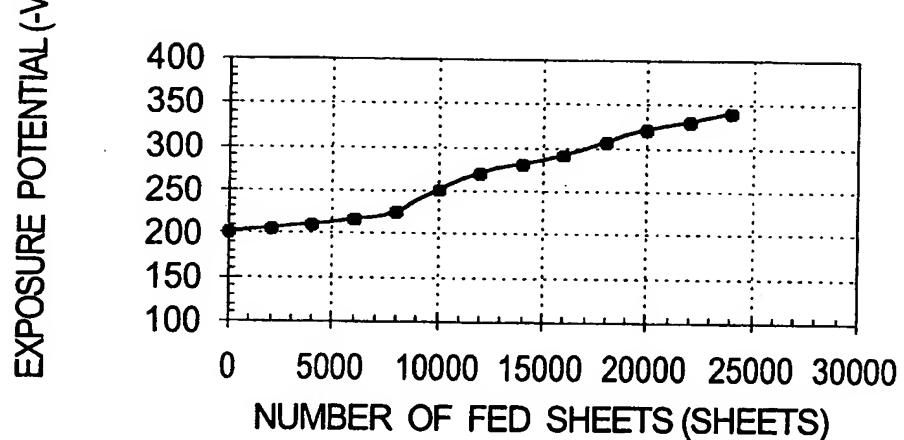


FIG. 12

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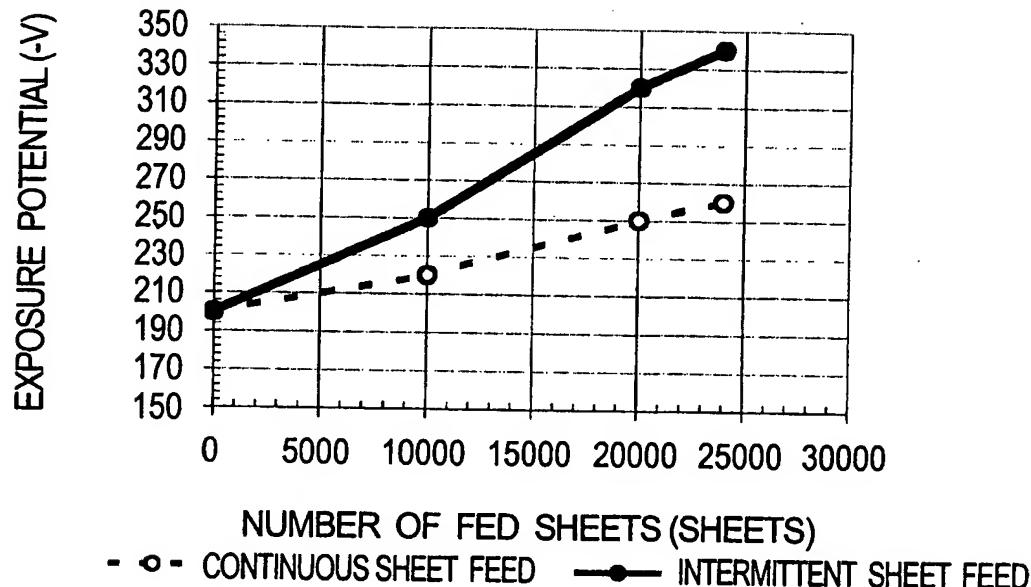


FIG. 13

|    | APPLICATION TIME |            |               |                | CONTINUOUS FEED | INTERMITTENT FEED |
|----|------------------|------------|---------------|----------------|-----------------|-------------------|
|    | PRE-ROTATION     | SHEET FEED | POST-ROTATION | SHEET INTERVAL |                 |                   |
| Pt | 2.0              | 1.7        | 2.0           | 1.0            | 2.7             | 5.7               |
| Dt | 2.5              | 1.7        | 2.5           | 1.0            | 2.7             | 6.7               |

(sec)

FIG. 14

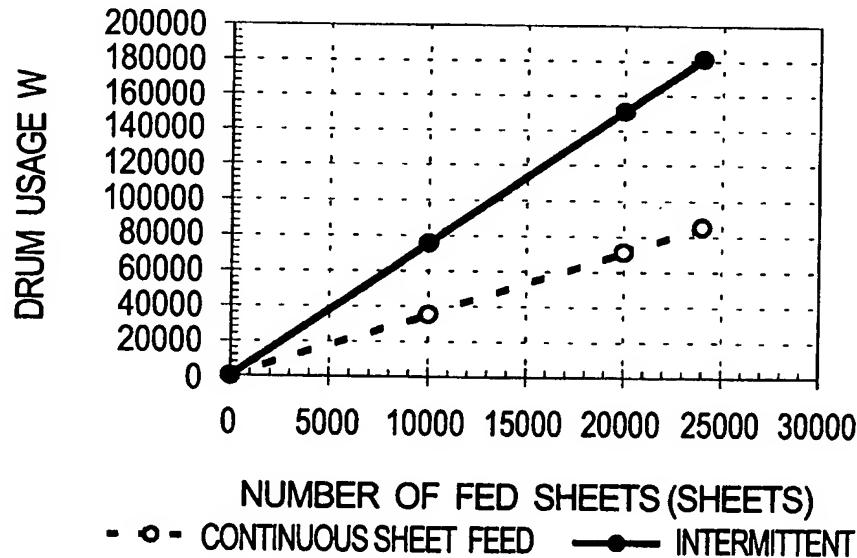


FIG. 15

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| DRUM USAGE | SMALL PIXEL | LARGE PIXEL |
|------------|-------------|-------------|
| 0          | 80%         | 60%         |
| 37750      | 83%         | 65%         |
| 75500      | 85%         | 70%         |
| 113250     | 88%         | 75%         |
| 151000     | 90%         | 80%         |
| 181200     | 92%         | 85%         |

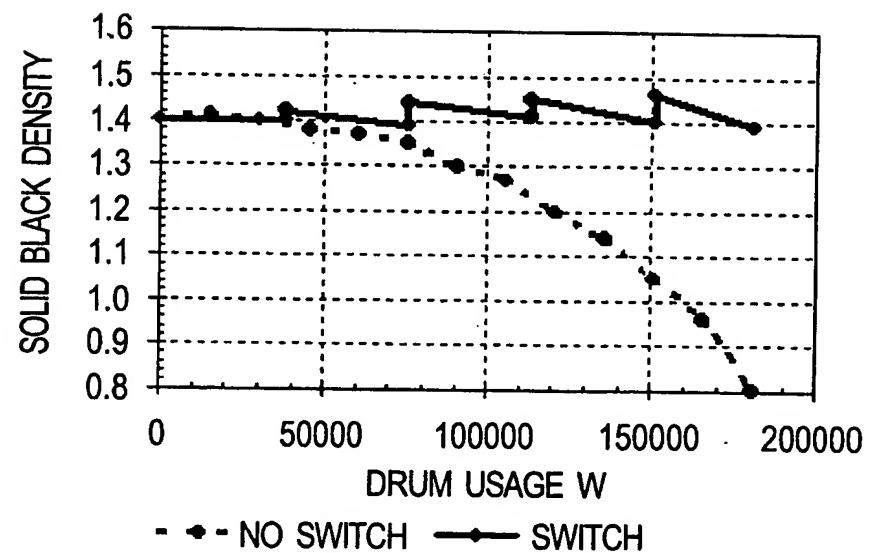
FIG. 16

| PROCESS CONDITION | DRUM USAGE | SMALL PIXEL | LARGE PIXEL |
|-------------------|------------|-------------|-------------|
| 0                 | 0          | 80%         | 60%         |
| 1                 | 37750      | 83%         | 65%         |
| 2                 | 75500      | 85%         | 70%         |
| 3                 | 113250     | 88%         | 75%         |
| 4                 | 151000     | 90%         | 80%         |
| 5                 | 181200     | 92%         | 85%         |

FIG. 17

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(a)



(b)

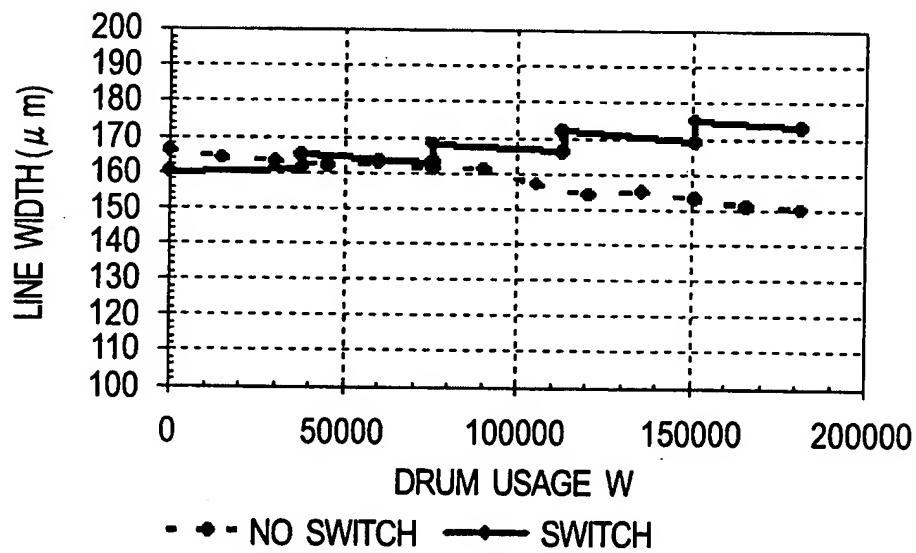


FIG. 18

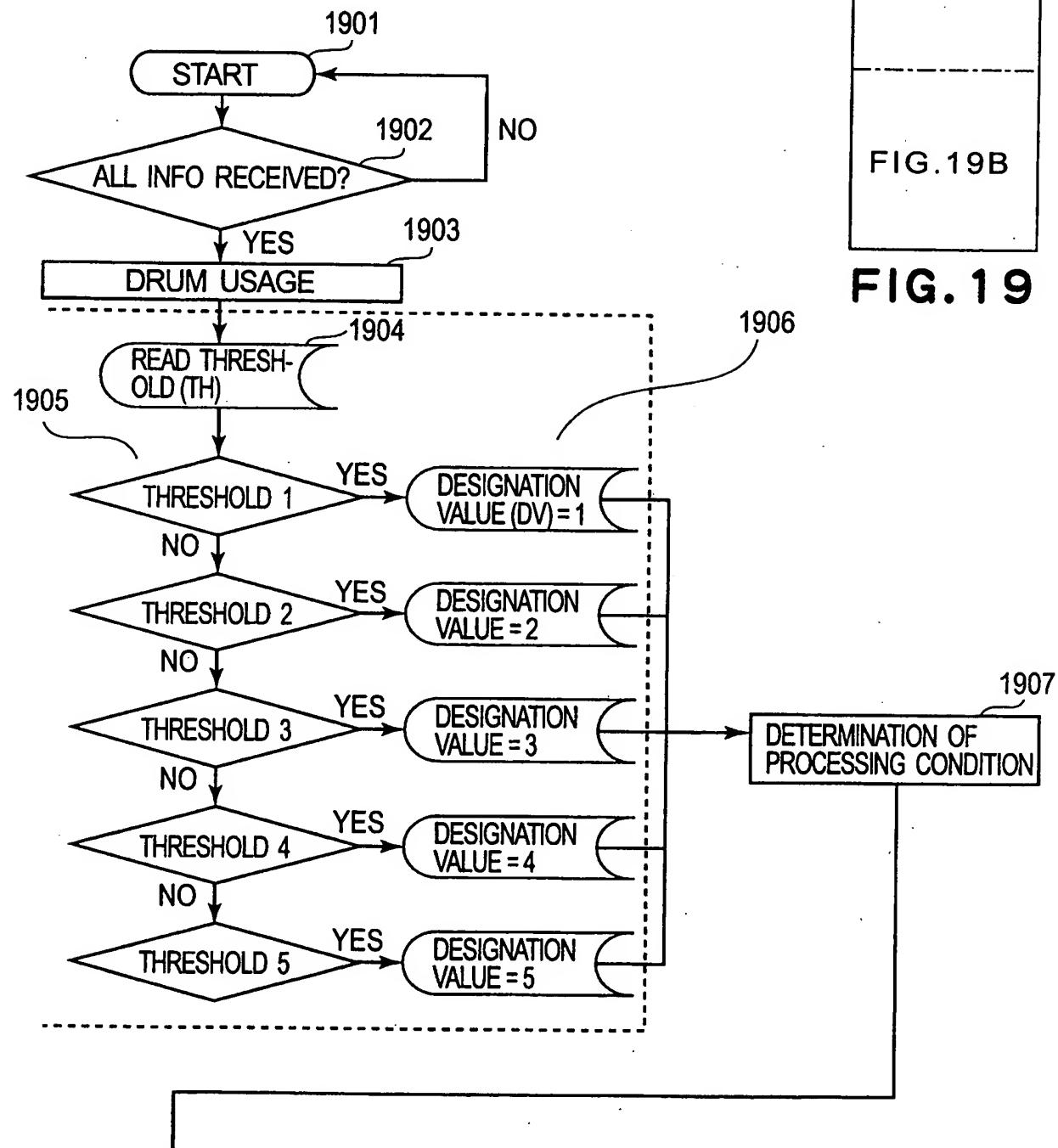


FIG.19A

FIG.19B

FIG.19

FIG.19A

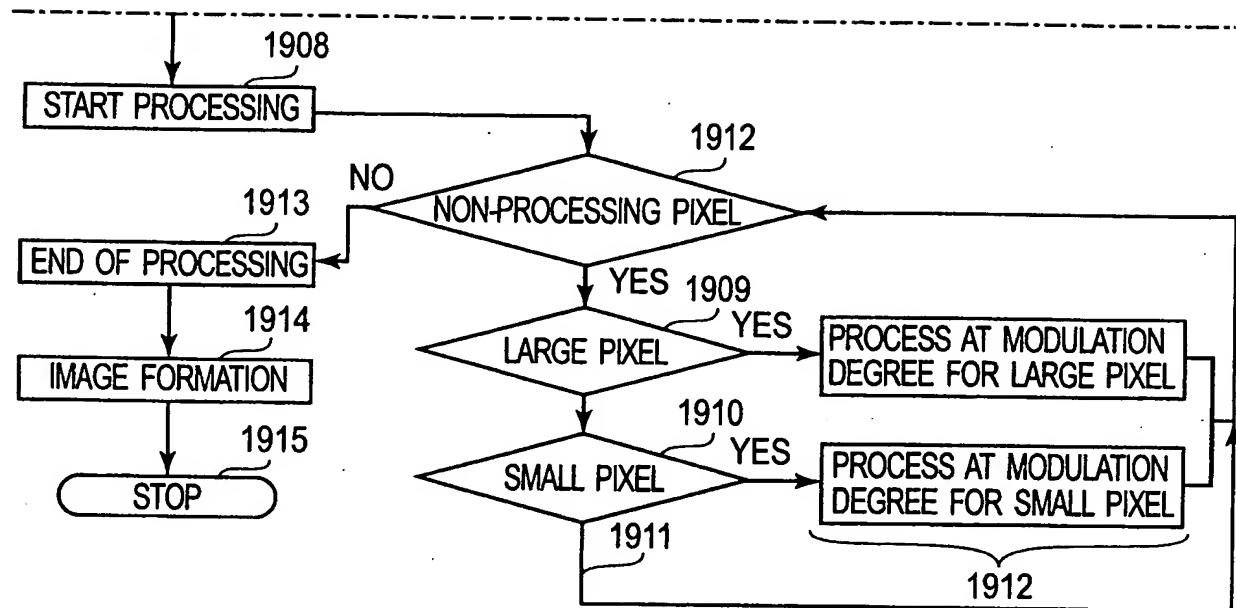
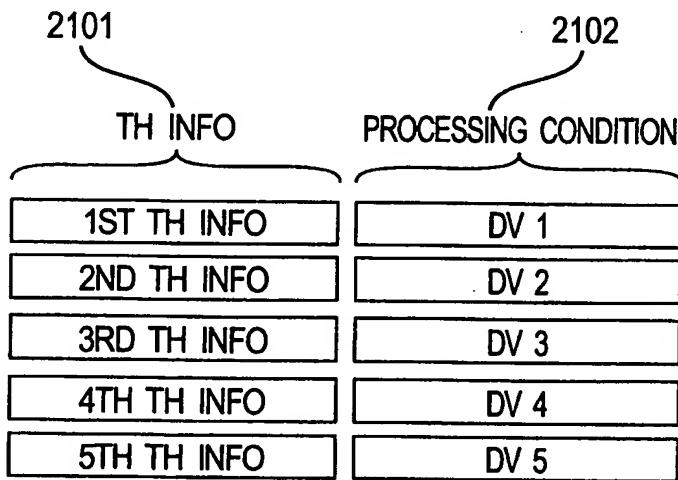


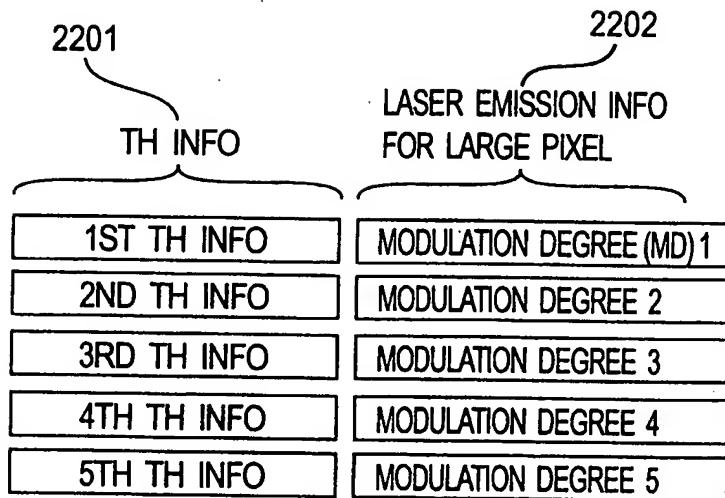
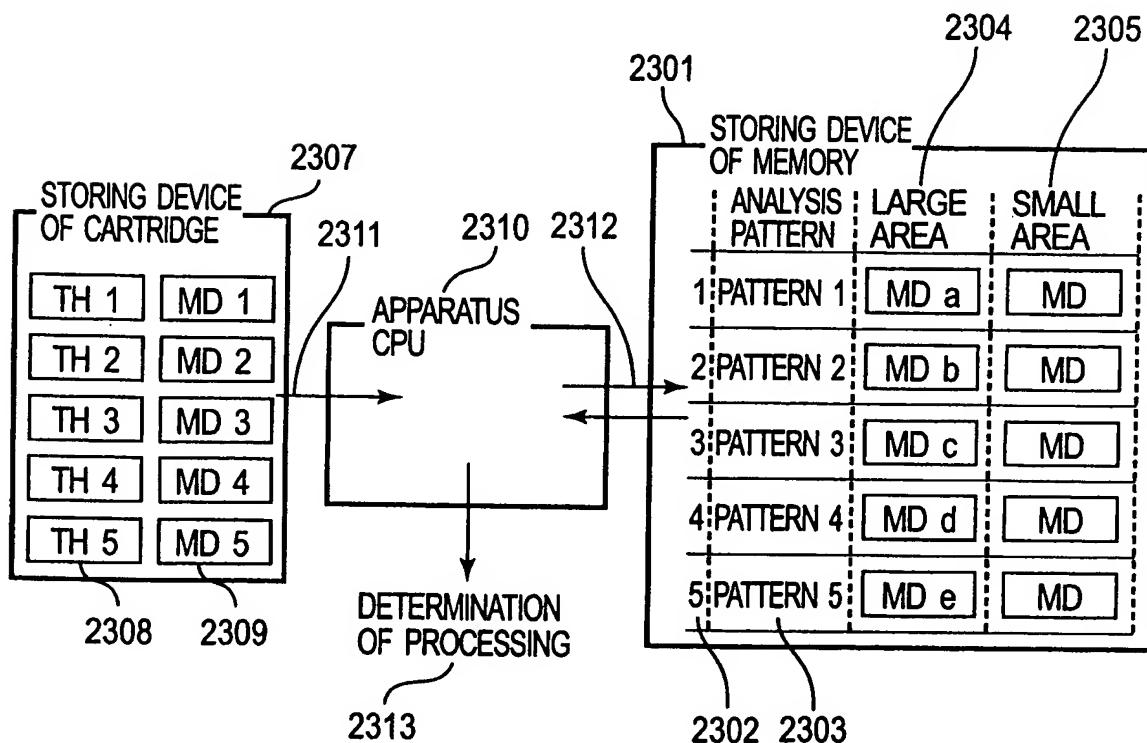
FIG. 19B

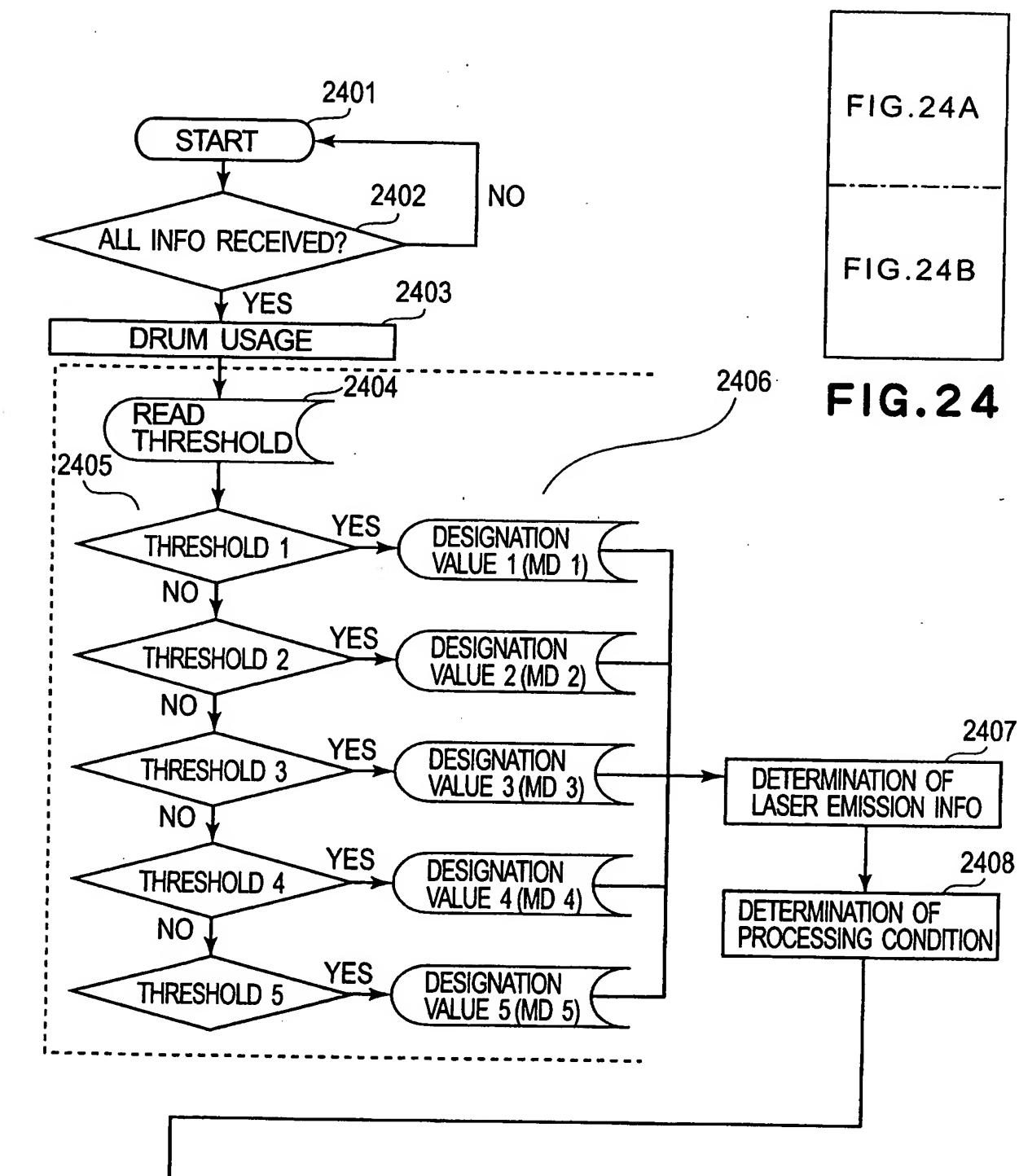
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| ID NO. | PROCESSING CONDITION   | LINE IMAGE | SOLID BLACK IMAGE |
|--------|------------------------|------------|-------------------|
| 1      | PROCESSING CONDITION 1 | 75%        | 50%               |
| 2      | PROCESSING CONDITION 2 | 77%        | 55%               |
| 3      | PROCESSING CONDITION 3 | 80%        | 60%               |
| 4      | PROCESSING CONDITION 4 | 83%        | 65%               |
| 5      | PROCESSING CONDITION 5 | 85%        | 70%               |
| 6      | PROCESSING CONDITION 6 | 88%        | 75%               |
| 7      | PROCESSING CONDITION 7 | 90%        | 80%               |
| 8      | PROCESSING CONDITION 8 | 93%        | 85%               |
| 9      | PROCESSING CONDITION 9 | 95%        | 90%               |

**FIG.20****FIG.21**

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**FIG.22****FIG.23**

**FIG.24A**

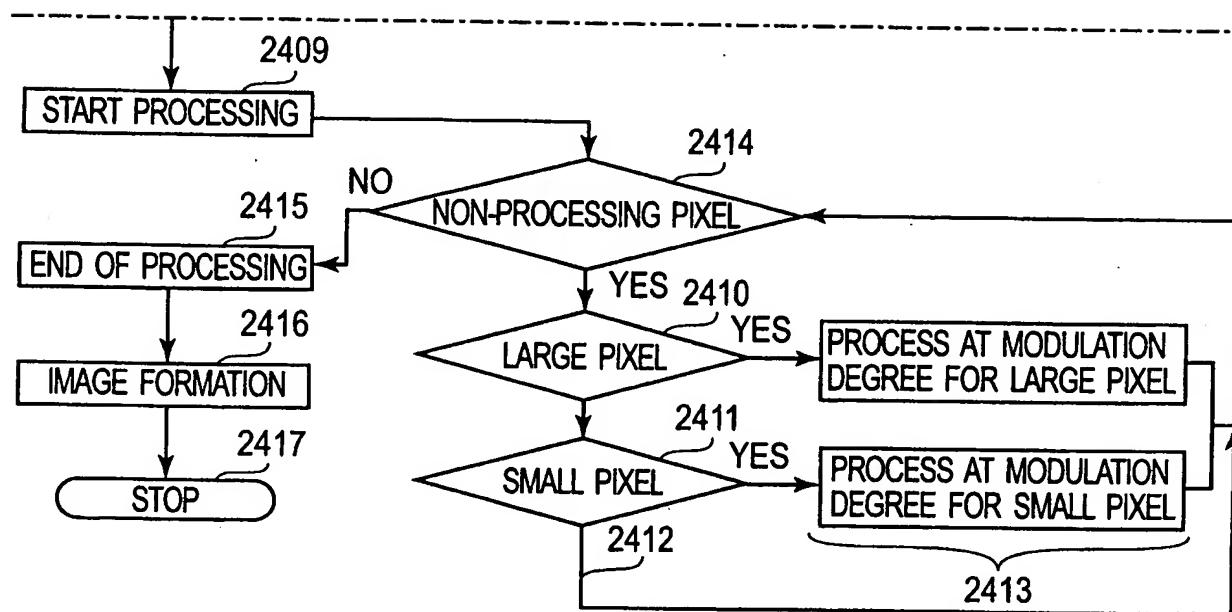


FIG.24B

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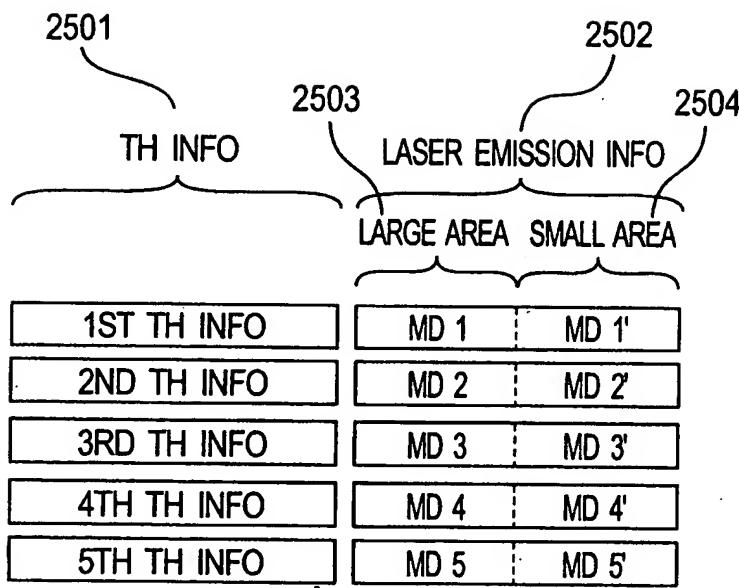


FIG. 25

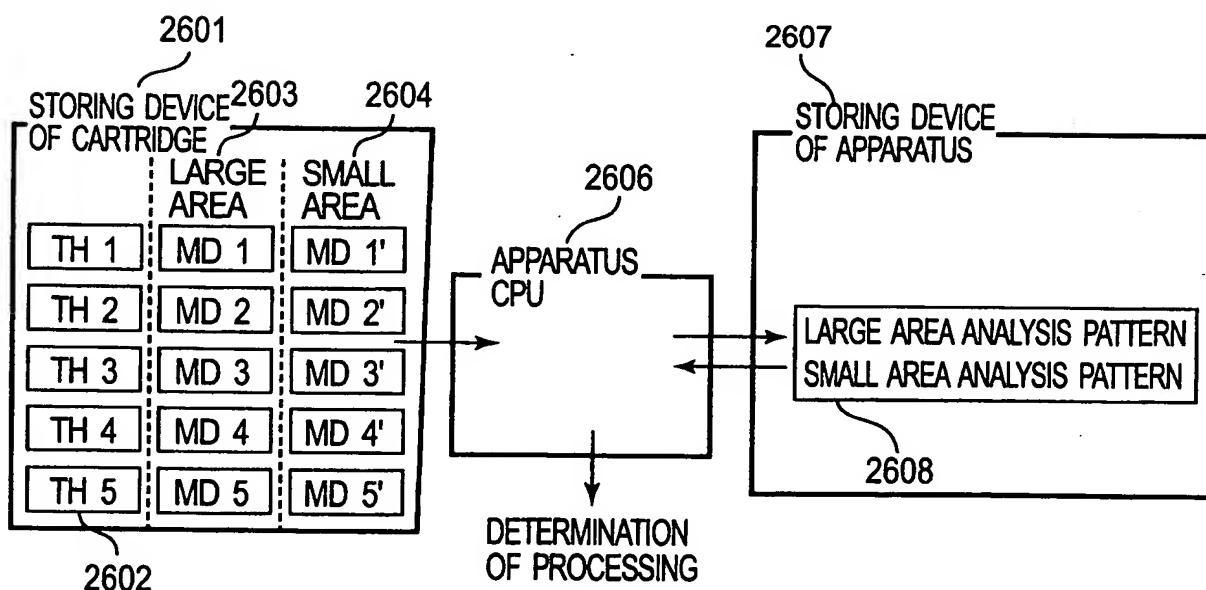


FIG. 26

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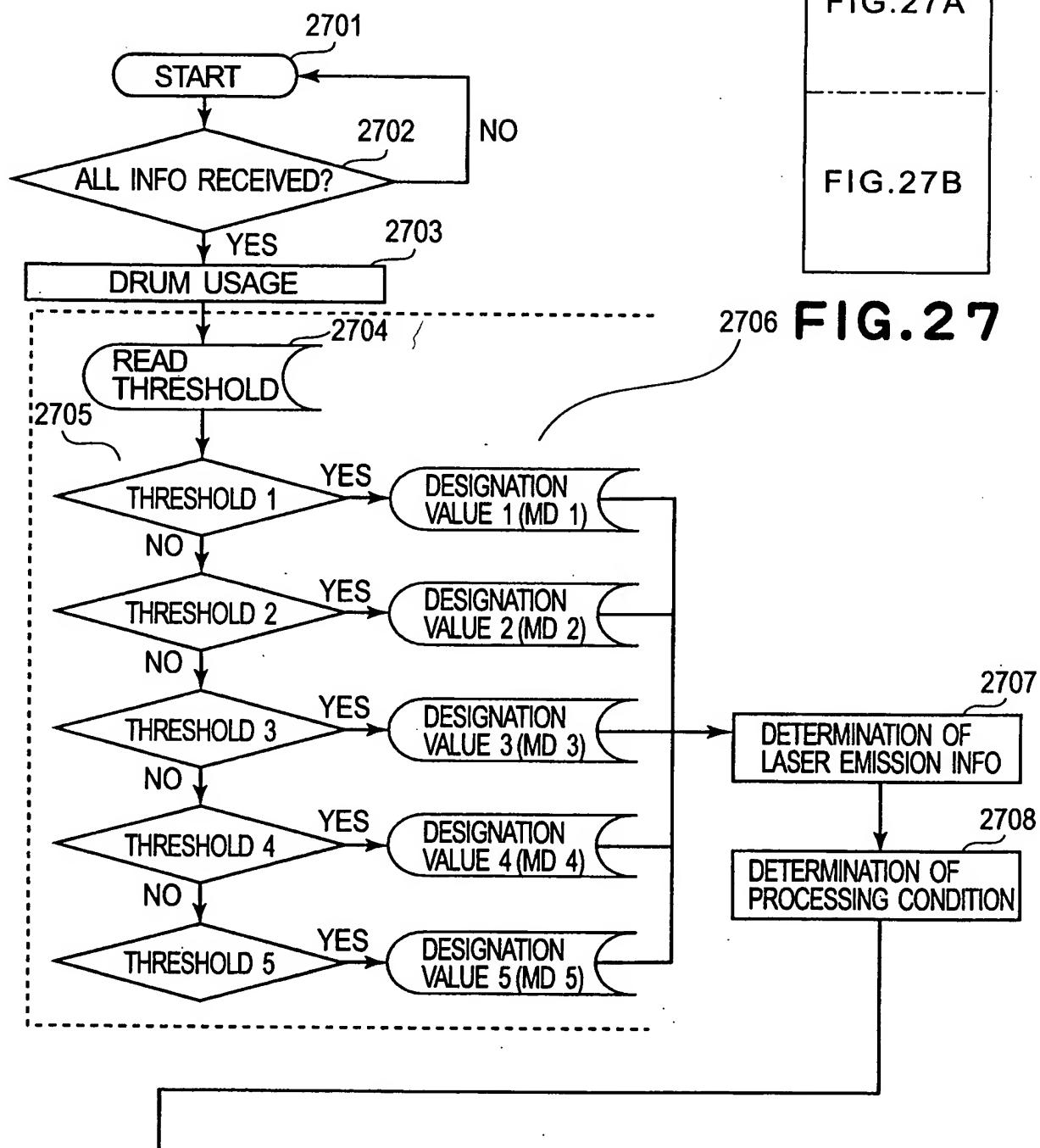
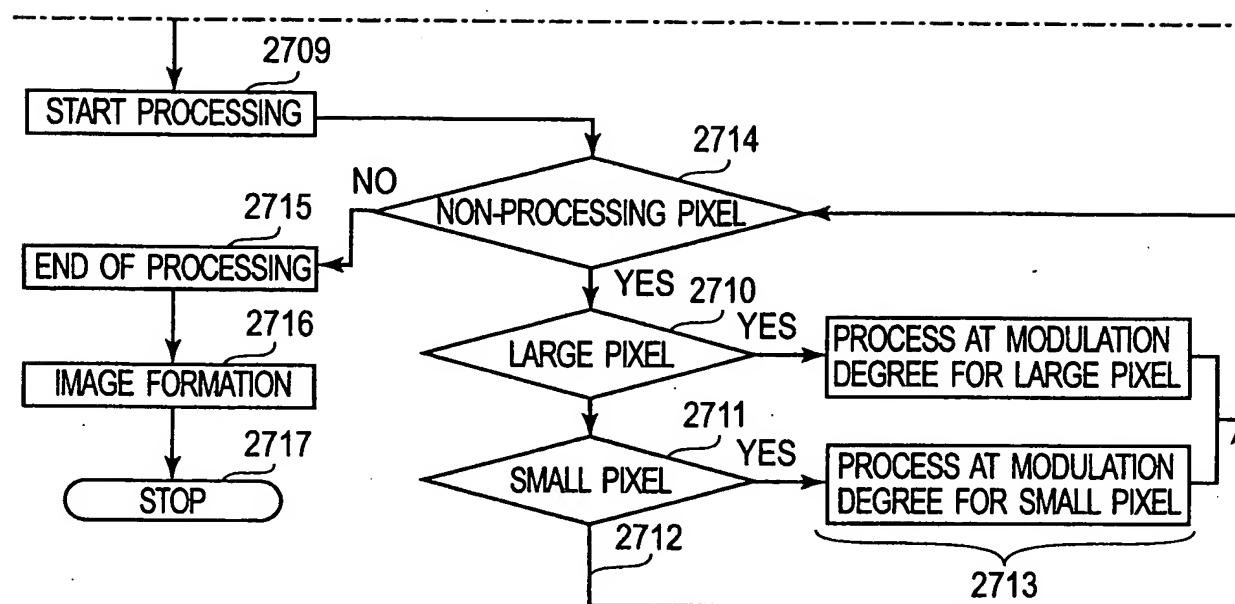


FIG.27A



**FIG. 27B**

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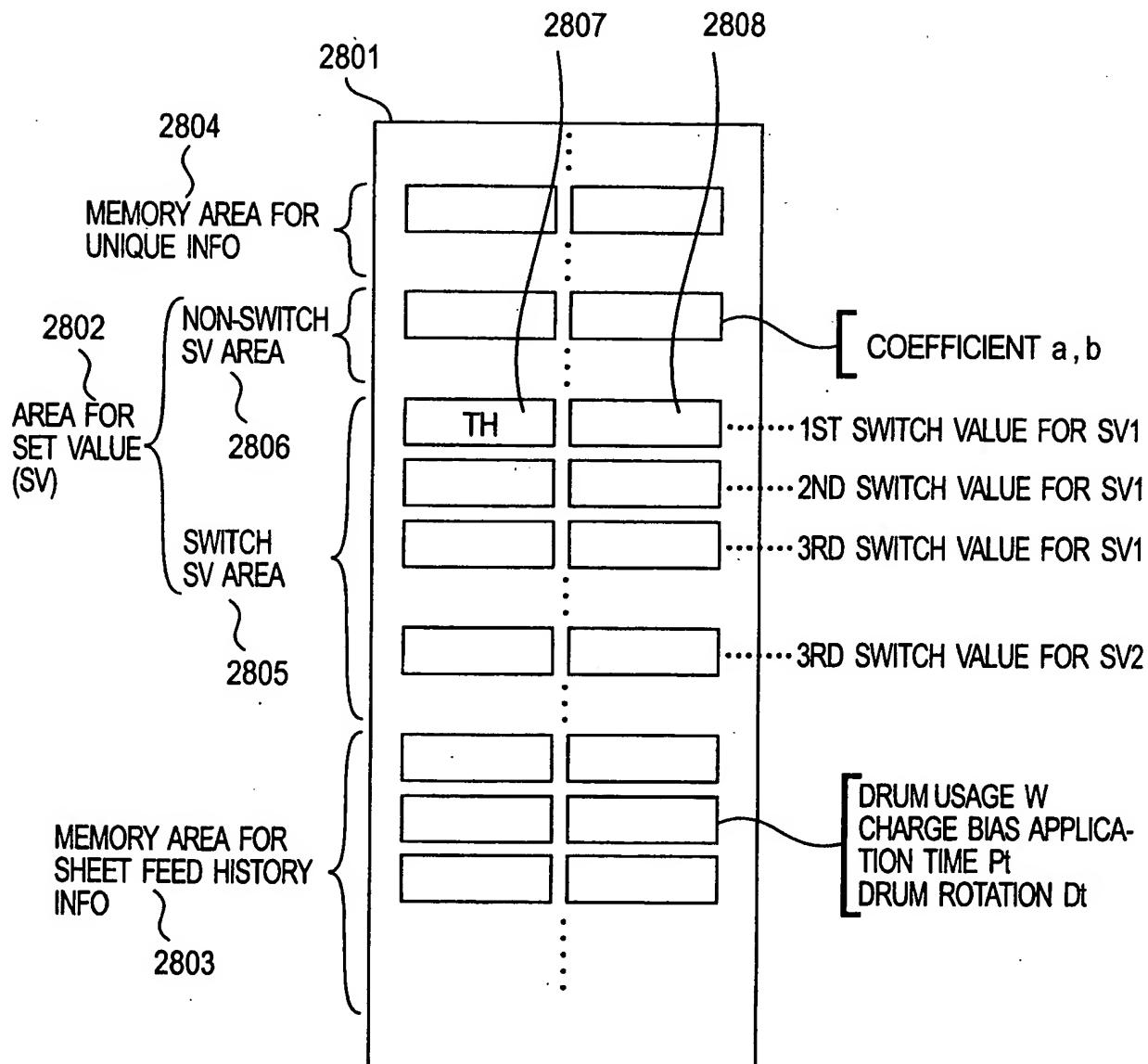


FIG.28

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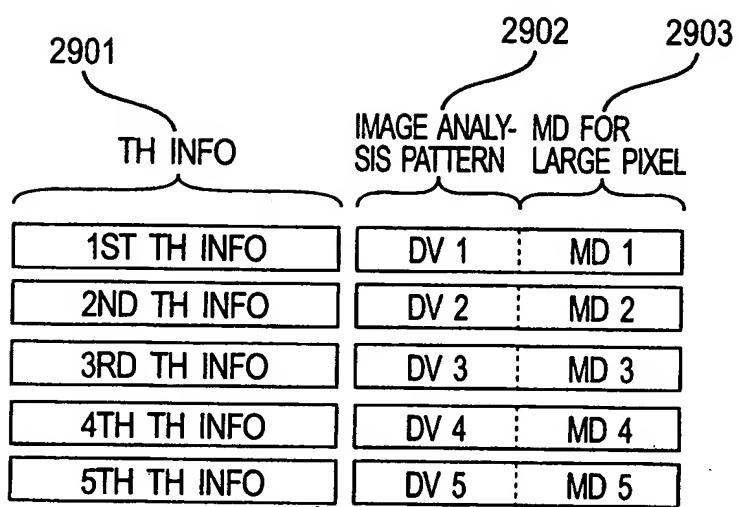


FIG.29

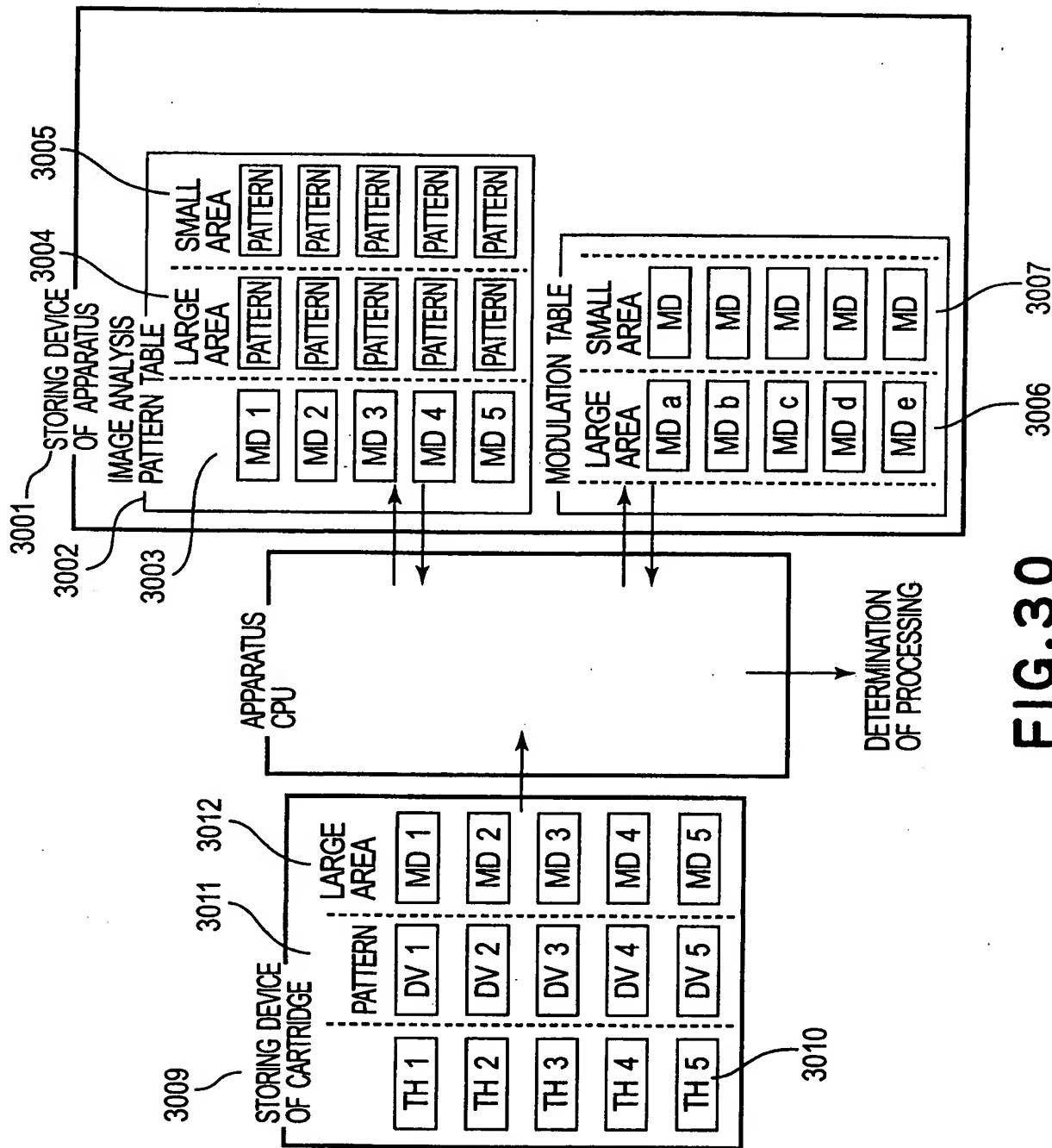


FIG. 30

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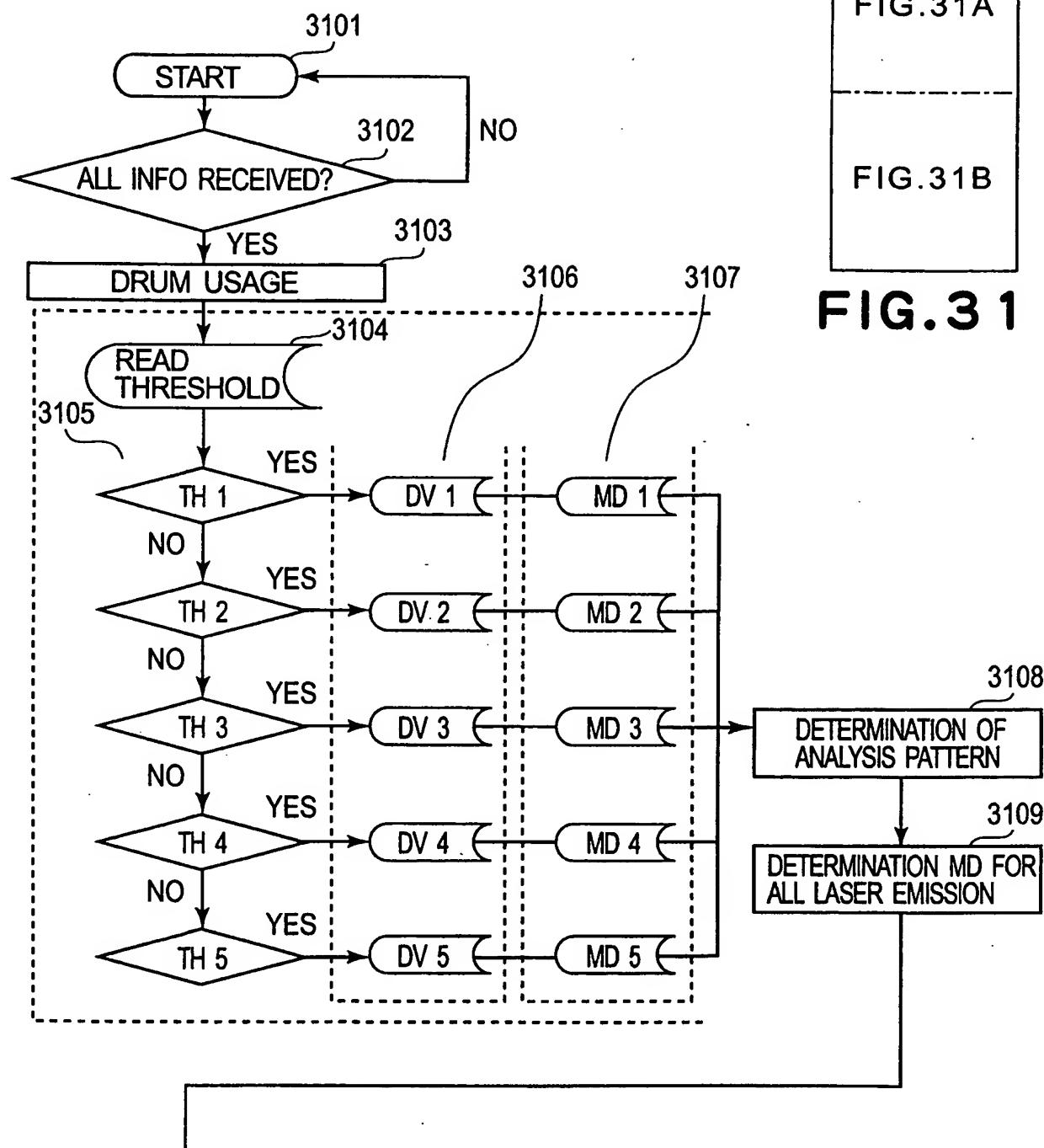


FIG.31A

FIG.31B

**FIG.31****FIG.31A**

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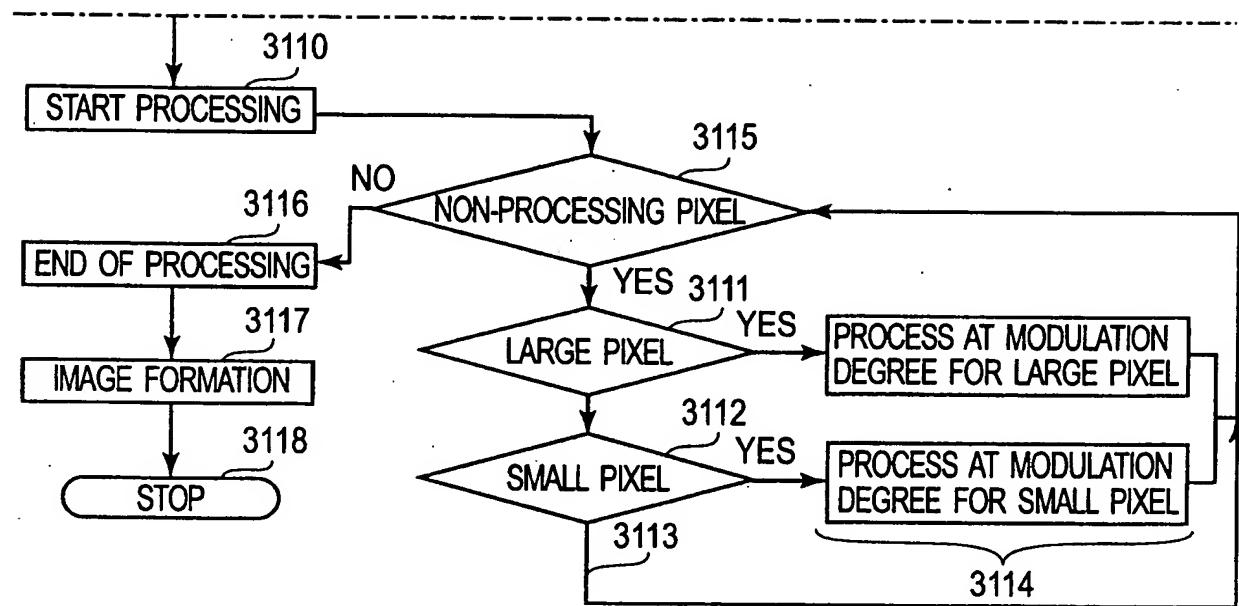


FIG.31B

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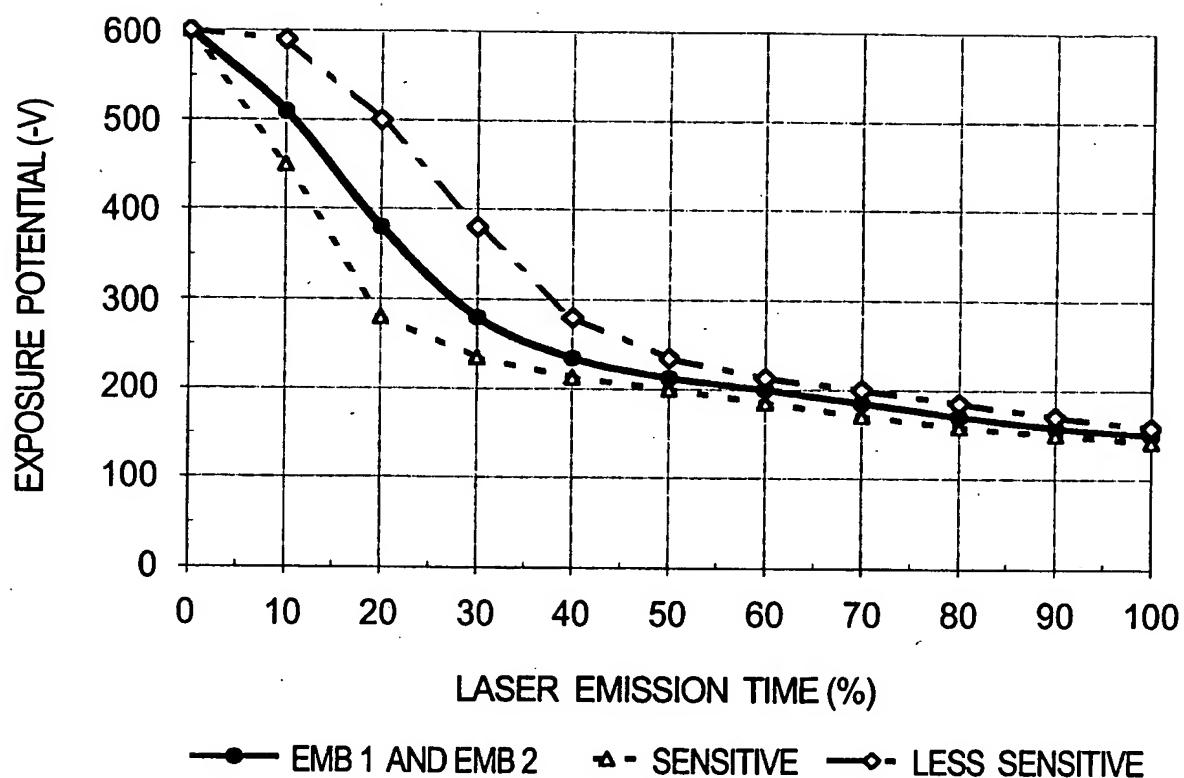


FIG.32

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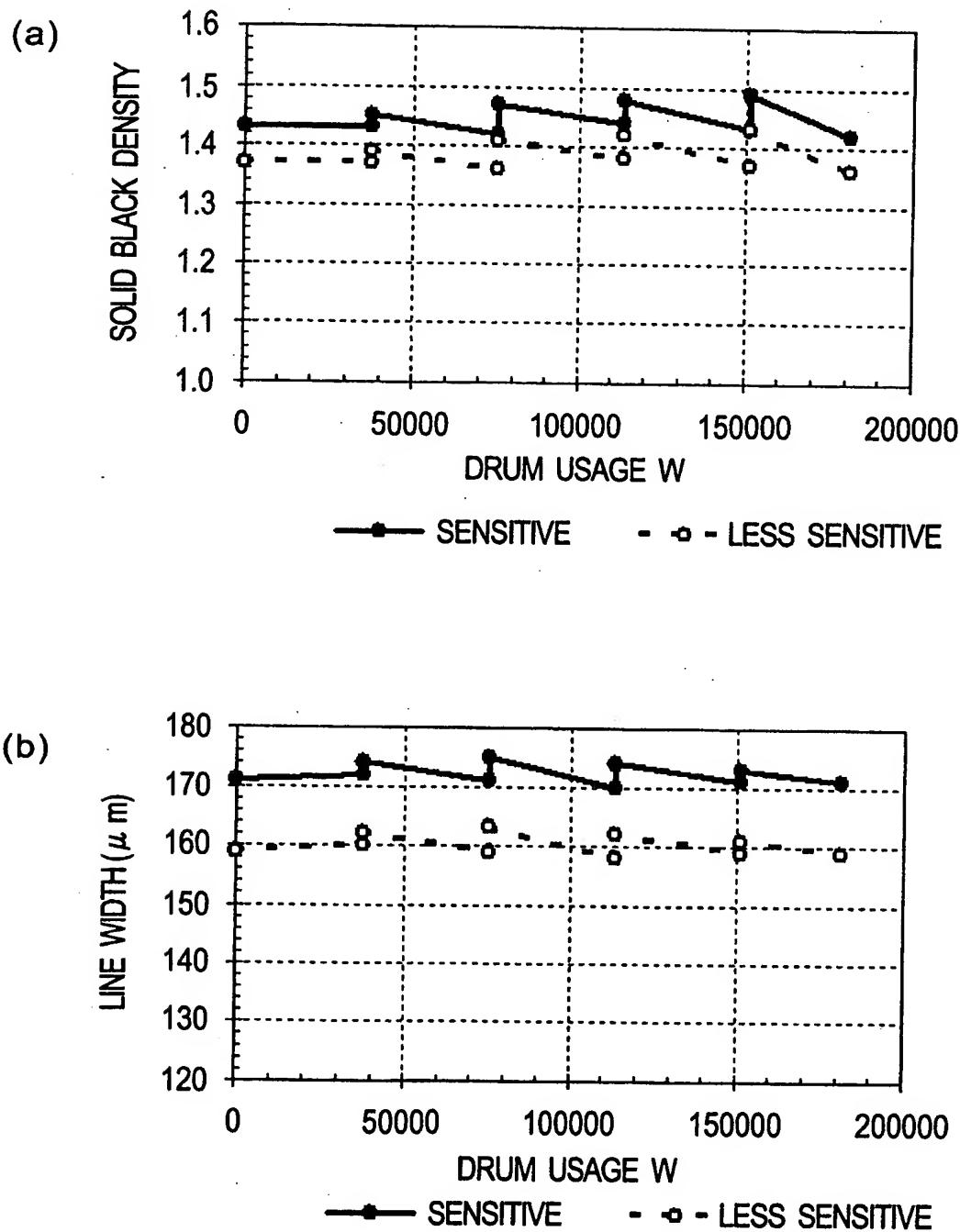


FIG.33

(a)

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| USAGE  | LINE IMAGE | SOLID BLACK IMAGE |
|--------|------------|-------------------|
| 0      | 75%        | 50%               |
| 37750  | 77%        | 55%               |
| 75500  | 80%        | 60%               |
| 113250 | 83%        | 65%               |
| 151000 | 85%        | 70%               |
| 181200 | -          | -                 |

(b)

| USAGE  | LINE IMAGE | SOLID BLACK IMAGE |
|--------|------------|-------------------|
| 0      | 85%        | 70%               |
| 37750  | 88%        | 75%               |
| 75500  | 90%        | 80%               |
| 113250 | 93%        | 85%               |
| 151000 | 95%        | 90%               |
| 181200 | -          | -                 |

FIG.34

(a)

| TH INFO | ID INFO |
|---------|---------|
| 0       | 1       |
| 37750   | 2       |
| 75500   | 3       |
| 113250  | 4       |
| 151000  | 5       |

(b)

| TH INFO | ID INFO |
|---------|---------|
| 0       | 5       |
| 37750   | 6       |
| 75500   | 7       |
| 113250  | 8       |
| 151000  | 9       |

FIG.35

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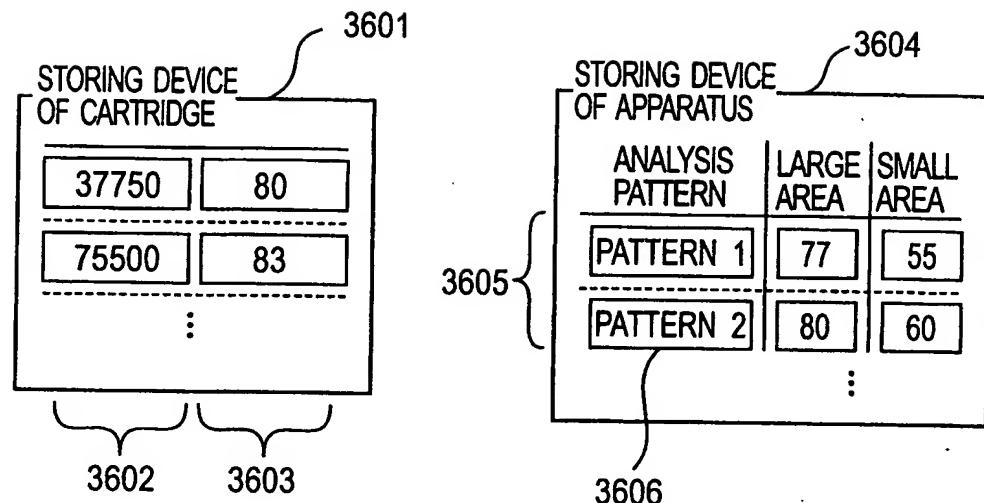


FIG. 36

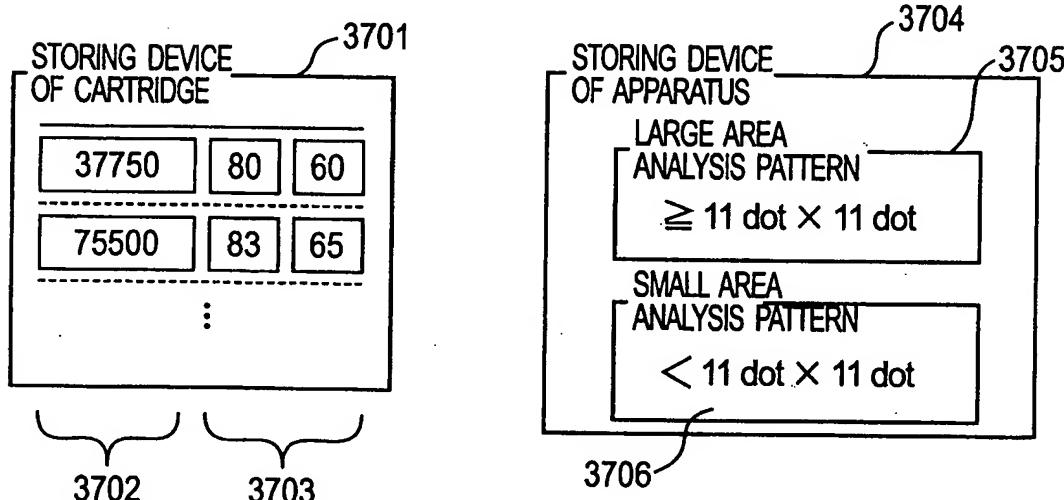


FIG. 37

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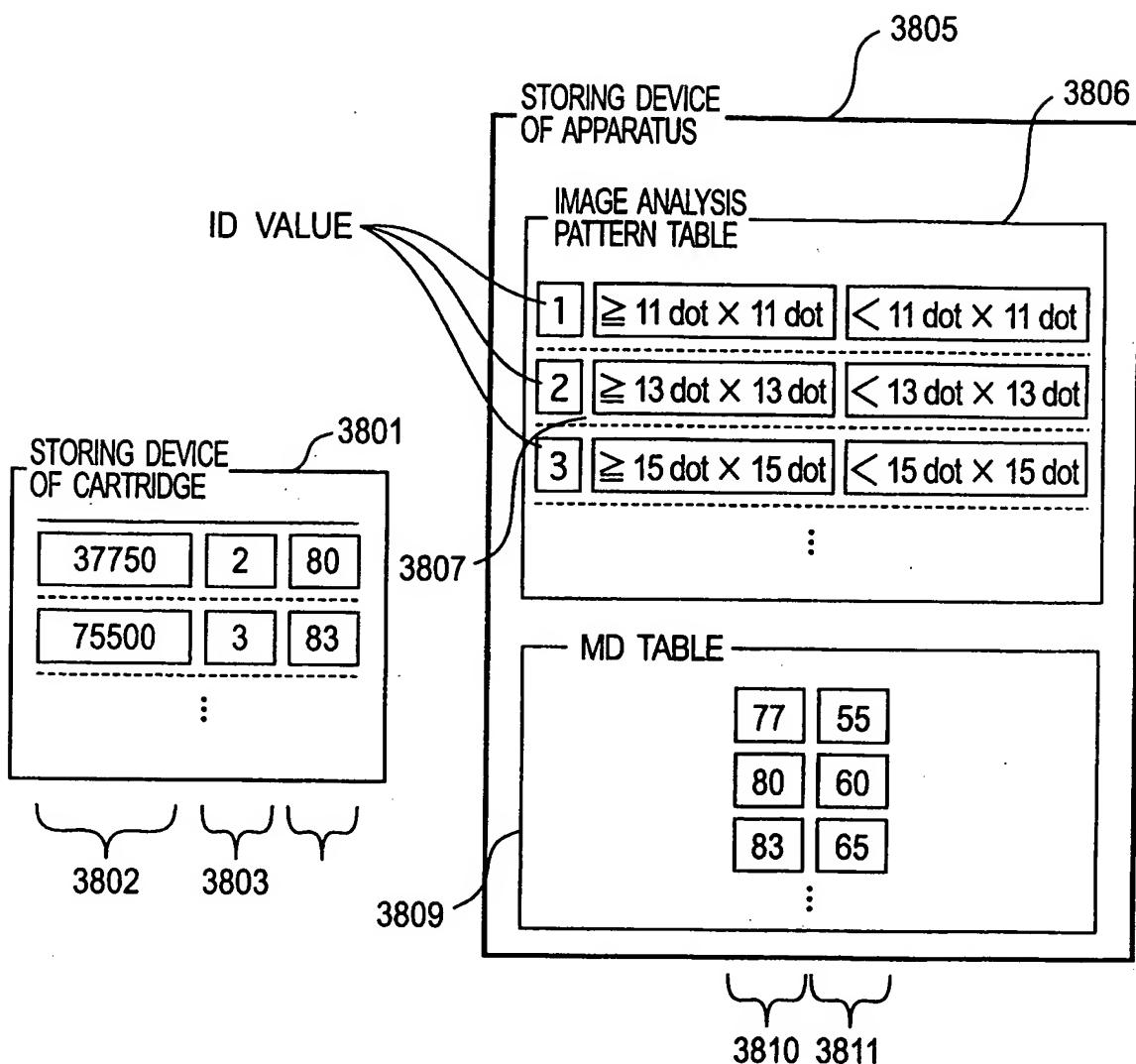


FIG.38